

AMENDMENTS TO THE SPECIFICATION

Please replace Paragraph [0035] with the following paragraph rewritten in amendment format:

[0035] With further reference to Figure 4, the dielectric insert 118 is preferably formed by a solid dielectric material, such as plastic, and more preferably from REXOLITE™ dielectric material. The dielectric insert 118 has an overall conical shape formed by an outer surface 128 that includes a slight, gradual, smooth curvature over at least substantially its entire length, terminating at a base portion 118a. The base portion is about the same diameter as the opening 125 and is inserted into the opening 125. This is in contrast to inner surface 120 which forms a linear surface along at least substantially its entire length. The precise curvature may be varied as needed to tune the waveguide 100 performance for specific applications. In practice, it is preferred to manufacture the dielectric insert 118 with a slightly smaller overall length (preferably about 0.25 inch; 6.35 mm) to reduce the possibility of breakage of the tip during assembly of the waveguide 100.